

20000619.qrp v01_n857.qrl.20000619

Date: Mon, 19 Jun 2000 19:03:04 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1857

QRP-L Digest 1857

Topics covered in this issue include:

- 1) [72935] Keeper of the QRP Calling Frequencies?
by Roger J Wendell <zeekzilch@juno.com>
- 2) [72936] Re: OT: Re: Best Price for FRS Radios?
by Al Patrick <arp@inet4u.com>
- 3) [72937] Re: SMK-1 pictures
by "Maddog 'n' Miracles" <maddog@io.com>
- 4) [72938] Fred Bonavita's "Hotwater Handbook"...Where On The Web...?
by "Andy GM0NWI" <Gm0nwi@tesco.net>
- 5) [72939] Re: SMK-1 pictures
by "K7FD-N7SG" <cqdx@teleport.com>
- 6) [72940] Re: Field Day 2000 - QRP Operations
by Steve Yates <aa5tb@yahoo.com>
- 7) [72941] MFJ QRP-Cub
by "James P. Rybak" <jrybak@mesastate.edu>
- 8) [72942] San Jose this week??
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 9) [72943] amp switching
by Dave Pomeroy <dave_pomeroy@voyager.net>
- 10) [72944] Re: San Jose this week??
by Paul Maciel <pmaciel@inow.com>
- 11) [72945] Re: San Jose this week??
by "n6wg:First n6wg:Last" <n6wg@earthlink.net>
- 12) [72946] Re: OT: Re: Best Price for FRS Radios?
by Brian <brian@iquest.net>
- 13) [72947] UPDATE: OHR Classic 2040 gift
by arrowhead1@characterlink.net (Ted Danchi)
- 14) [72948] What Kit to Build series on WestFLA qrp club web page
by Paul Womble <pwomble1@tampabay.rr.com>
- 15) [72949] Looking for UC3906 source.
by Niels Jensen Kristjansson <nkristja@cadvision.com>
- 16) [72950] Smite hunt.
by Pete Burbank <plburbank@kih.net>
- 17) [72951] Confessions of a Battery Assisin
by Richard Arland <k7sz@epix.net>
- 18) [72952] KIT: Question about Tuning Range of Norcal BLT Tuner
by Sam Billingsley <SBillingsley@usaninc.com>
- 19) [72953] Re: Confessions of a Battery Assisin

- by Bob Patten <n4bp@bc.seflin.org>
- 20) [72954] Re: Confessions of a Battery Assisin
by Erik Werner <ewerner@sprintmail.com>
- 21) [72955] Expanded DC Voltmeter
by Richard Arland <k7sz@epix.net>
- 22) [72956] Guano Reef Bashful Perverts
by Bob Patten <n4bp@bc.seflin.org>
- 23) [72957] RE: antenna:gamma match...
by Karl Kanalz <KKanalz@excel.com>
- 24) [72958] Mysterious 30m Beacon Has Changed
by Steve Yates <aa5tb@yahoo.com>
- 25) [72959] QRP FD... K50J
by K10J <k1oj@ditdit.com>
- 26) [72960] Re: Expanded DC Voltmeter
by Bill Jones <kd7s@psnw.com>
- 27) [72961] RE: gamma match...
by Karl Kanalz <KKanalz@excel.com>
- 28) [72962] SMiTe Hunt - A lost cause
by "Harvey Mitchell" <Harvey.Mitchell@enron.com>
- 29) [72963] Re: Confessions of a Battery Assisin
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 30) [72964] QRP Field Day Operation NF9K
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
- 31) [72965] RE: Questions about shunt resistors
by Karl Kanalz <KKanalz@excel.com>
- 32) [72966] RE: Component identity?
by Karl Kanalz <KKanalz@excel.com>
- 33) [72967] Re: Micromountaineer Revisited
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 34) [72968] Hensley photos-a caveat
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 35) [72969] EMTECH-FORUM
by ARDUJENSKI@aol.com
- 36) [72970] RE: Confessions of a Battery Assassin
by Mike <mmorrow@companet.net>
- 37) [72971] Ft Tuthill Building Contest
by Jerry Haigwood <w5jh@swlink.net>
- 38) [72972] RE: Questions about shunt resistors
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
- 39) [72973] Re: Confessions of a Battery Assisin
by Bob Patten <n4bp@bc.seflin.org>
- 40) [72974] MAHA BATTERIES/CHARGERS
by ARDUJENSKI@aol.com
- 41) [72975] Re: [NoGaQRP] KIT: Question about Tuning Range of Norcal BLT Tuner
by "Mike Branca" <w3irz@att.net>
- 42) [72976] Field Day 2000
by "John Humphrey" <jhumphre@ultra-tech.com>
- 43) [72977] Re: MAHA BATTERIES/CHARGERS

by zmola@campbellsci.com
44) [72978] FS: RH40
by Michael Gusky <mgusky@yahoo.com>
45) [72979] Re: [NoGaQRP] KIT: Question about Tuning Range of Norcal BLT Tuner
by Charlie Lofgren <clofgren@benson.mckenna.edu>
46) [72980] RE: Questions about shunt resistors
by "AI2Q Alex" <ai2q@ispchannel.com>
47) [72981] UPDATE: OHR Classic 2040 gift
by arrowhead1@characterlink.net (Ted Danchi)
48) [72982] RE: San Jose this week??
by Mike Gipe <mgipe@reliablemeters.com>
49) [72983] Re: Interrogating hard drives....
by Larry East <w1hue@amsat.org>
50) [72984] BuzzNot Noise Blanker Query
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
51) [72985] The case of the purloined callsign
by hattonte@gdls.com
52) [72986] FD in Fort Worth, TX
by "Charles Mabbott" <crmabbott@mediaone.net>
53) [72987] Looking for unbuilt NorCal Paddle Kit
by Jerry Parker <jparker@fix.net>
54) [72988] 'Scope manual
by "E. Roswell" <eroswell@monmouth.com>
55) [72989] OT 'Scope manual NLS miniscope MS-230 Wanted
by "Randy Randall" <RANDALLR@Healthall.com>
56) [72990] Re: FS: RH40
by Jim Lowman <jmlowman@ix.netcom.com>
57) [72991] Re: FD in Fort Worth, TX
by Steve Yates <aa5tb@yahoo.com>
58) [72992] Re: Expanded DC Voltmeter
by Richard Arland <k7sz@epix.net>
59) [72993] FS: Yaesu FT-8100
by GE1am30092@aol.com

Date: Sun, 18 Jun 2000 17:48:16 -0700
From: Roger J Wendell <zeekzilch@juno.com>
To: w5usj@globeco.net, cqclist@cqc.org
Cc: qrp-l@Lehigh.EDU
Subject: [72935] Keeper of the QRP Calling Frequencies?
Message-ID: <20000618.174924.-89499.1.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

W5USJ makes a good point about the different opinions on what the QRP
calling frequencies should actually be (or should not be).

Although the EFT QRPp Low Power Award hardly qualifies as arbiter in these matters I would be willing to experiment and post whatever frequencies the majority (those willing to Email me) feel are appropriate.

If you're interested, check out the current list (<http://www.geocities.com/qrpaward/qrpffrequencies.html>) and Email me off-list with your suggestions. I'll create a secondary list, on the same page, that only reflects voting totals...

72s

Roger

WB0JNR

<http://www.rogerwendell.com>

QRPp	#1
CQC	#7
Fire-Ball 10mW	#186
Yodar Kritch	#354
CO Bighorn	#854
QRP-L	#1027
Miles-Per-Watt	#1395
FISTS	#1501
QRP ARCI	#3787
SOWP	#4518-M
Ten Ten	#8704
Last County (CW)	#10325

-

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 18 Jun 2000 19:44:20 -0400

From: Al Patrick <arp@inet4u.com>

To: myetsko@insydesw.com

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [72936] Re: OT: Re: Best Price for FRS Radios?

Message-ID: <394D5ED4.1D935258@inet4u.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Mike Yetsko wrote:

> I picked up the SouthWestern Bell units at BJ's for \$23.99. They
> went by the name 'Ranger'. Not bad, they work fairly well. BUT
> they have no PL, and they use 4 AAA, as opposed to 4AA.
>
> Mike
>
> > Mike Duke wrote:
> >
> > > Perhaps this is stretching the true qrp-1 purpose a bit, but, I'll take
> the
> > > chance.
> > >
> > > I'm looking for a good price on Family Radio Service units. The
> no-frills
> > > models will be fine.
> > >
> > > The best I've found is \$29.95, but, I'd like to beat that if I can.
> > >
> > > Any ideas on where to look? Been to RS already.
> > >
> > > Mike, K5XU
> >
> > Want someone to give you one? <g> I think I saw some place (? Sam's
> Club)
> > two for about \$60 but that wouldn't beat what you already know about. I
> hope
> > you the best. You may be looking a while, if you mean new ones.
> >
> > BTW, where'd you find that price? Someone might want to beat you back
> there
> > to get it. <g>
> >
> > 73,
> >
> > Al
> > --
> > "The Truth is Hate, to Those Who Hate the Truth"
> > Do what's right. You'll please OR AMAZE everyone!
> >
> > Love and hatred are both necessary. For one to love

> > some things he must hate others, and visa versa.
> >
> >
> >

My apologies to Mike and the group. I doubted he'd beat the \$30 price.

73,

Al

--

"The Truth is Hate, to Those Who Hate the Truth"
Do what's right. You'll please OR AMAZE everyone!

Love and hatred are both necessary. For one to love
some things he must hate others, and visa versa.

Date: Sun, 18 Jun 2000 19:49:20 -0500
From: "Maddog 'n' Miracles" <maddog@io.com>
To: wb8rcr@arrl.net, qrp-l@Lehigh.edu
Subject: [72937] Re: SMK-1 pictures
Message-ID: <4.3.2.7.1.20000618193938.00a85eb0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

On Sun, 18 Jun 2000 16:27:32 -0400, on QRP-L,
"John J. McDonough" <wb8rcr@arrl.net> wrote:

>Finally got my SMK pictures posted:
>
><http://www.qsl.net/wb8rcr/SMK1.html>

Nice pix, John. I've recently updated mine to show my NJQRP enclosure, too:

<http://www.io.com/~maddog/hamradio/>

Incidently, I noticed the "Built with Notepad" at the bottom. Apparently,
we have something more in common... we both use a text editor to build web
pages. And you've done a really nice job! Sometimes hams think they need
to have some exotic knowledge or commercial software to build web pages...
not so! (often, commercial packages generate "features" that are
incompatible with many browsers)

73,

monty N5FC

```
*****\
* Monty Northrup (N5FC) * "There is no way to peace: * \ (**)
* Carolyn Blankenship * peace IS the way." * /^^^^^^) ~
* maddog@io.com * http://www.io.com/~maddog/ * /^^/^^/^^/
*****
```

Date: Mon, 19 Jun 2000 02:31:59 +0100
From: "Andy GMONWI" <GmOnwi@tesco.net>
To: "American QRP List" <qrp-l@lehigh.edu>
Subject: [72938] Fred Bonavita's "Hotwater Handbook"...Where On The Web..?
Message-ID: <000701bfd98e\$2a3716a0\$af408cd4@q1n3l2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi`y all..

Can anyone on the list..possibly tell me of any KNOWN web pages,
that I can find info on the Fred Bonavita W5QJM...
"Hotwater Handbooks"...?

I DO already have both these book's in my "shack" and like all` ya others... find them a most valued read, for folk's wantin` to know about "mod's" to the Heathkit HW series of rig's...

BUT I was kinda wonderin' if anyone already knew if they could be found
or MADE REFERENCE TO on the `web`....?

Thanks for the bandwidth.... "Keep Smeltin' The Solder.."

```
72s de Andy                                gm0nwi@tesco.net
A.R.S. GM0NWI
"Long Live QRP...!"                       "The Weakest Station In The Nation.."
```

GQRP No.9576 "It is vain to do with more..."
QRP-L No.2165 what can be done with less..
ICQ No.31899603

Date: Sun, 18 Jun 2000 18:36:23 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: <maddog@io.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72939] Re: SMK-1 pictures
Message-ID: <001401bfd98e\$c85bb520\$8d231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree. I'm also a 'notepad' webpage builder...that and the Win95
Accessories PAINT program. That's all I guy needs! Of course, I still use a
handkey, too... ;)

73 John K7FD
<http://www.teleport.com/~cqdx>

>Incidentally, I noticed the "Built with Notepad" at the bottom. Apparently,
>we have something more in common... we both use a text editor to build web
>pages. And you've done a really nice job! Sometimes hams think they need
>to have some exotic knowledge or commercial software to build web pages...
>not so! (often, commercial packages generate "features" that are
>incompatible with many browsers)
>
>73,
>monty N5FC

Date: Sun, 18 Jun 2000 18:55:43 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: ac7a@gci-net.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72940] Re: Field Day 2000 - QRP Operations
Message-ID: <20000619015543.20171.qmail@web3001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The Lockheed Martin Recreation Association Amateur
Radio Club will be operating 2A-Battery QRP this year
here in Fort Worth. We will also have a satellite and

VHF station. The call will probably be W5IU as usual but that hasn't been talked about yet. The club's call sign is W5SJZ but that's not really a good contest call.

We will be using my Kenwood TS-130V at 5W for the SSB station and a Ten-Tec Argonaut 515 for the CW station.

=====

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

aa5tb@arrl.net

Do You Yahoo!?

Send instant messages with Yahoo! Messenger.

<http://im.yahoo.com/>

Date: Sun, 18 Jun 2000 19:57:19 -0600 (MDT)
From: "James P. Rybak" <jrybak@mesastate.edu>
To: qrp-1@lehigh.edu
Subject: [72941] MFJ QRP-Cub
Message-ID: <Pine.LNX.4.21.0006181954390.14298-1000000@mesastate.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've been on the road and away from this list for about two months. I'd like to know the pros and cons concerning the new MFJ QRP-Cub. If this has been discussed to death on the list already, please tell me the general consensus directly (off the list).

Thanks.

Jim Rybak W0KSD

Date: Sun, 18 Jun 2000 22:01:31 -5

From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: n6wg@earthlink.net, ddm@datatamers.com, mgipe@reliablemeters.com
Cc: qrp-1@lehigh.edu
Subject: [72942] San Jose this week??
Message-ID: <200006190202.WAA01283@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Bob, Mike, Dave, and anyone else interested in showing up...

Tuesday looks like the best evening for me. I could also make Thursday evening if that would work out better for everyone else. wednesday will be reserved for my evening with the in-laws... ;>)

For right now, I will show up at the Ground Round at about 6:30 PM on Tuesday evening and stay til we run out of things to talk about! If someone needs to leave me a message, I will be staying at the Arena Hotel in San Jose

>Hi Bill
> I'm game for a pizza evening. We usually meet at the Ground-Round Table in
> Mountain View, close by where El Camino crosses Hiway 85.
> Let me know if you hear from others.
> 73, Bob N6WG

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Sun, 18 Jun 2000 22:22:49 -0400
From: Dave Pomeroy <dave_pomeroy@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72943] amp switching
Message-ID: <394D83F9.A9E5CD7F@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a 100 watt amp that uses a relay for switching between transmit and receive. Sure would like to

change that to solid state. Anyone have any ideas or
a circuit that they could suggest?

TIA

Date: Sun, 18 Jun 2000 19:24:56 -0700
From: Paul Maciel <pmaciel@inow.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72944] Re: San Jose this week??
Message-ID: <394D8478.F5BE1538@inow.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bill,

The restaurant is a Round Table Table Pizza and I'll see you there.

72,
---Paul

Bill Kelsey - N8ET - Kanga US wrote:

>
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>
> Tuesday looks like the best evening for me. I could also make Thursday
> evening if that would work out better for everyone else. Wednesday will be
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> 73 - Bill - N8ET
> Kanga US
> kanga@mail.bright.net
> http://www.bright.net/~kanga/
> 419-423-4604

Date: Sun, 18 Jun 2000 19:40:15 -0700
From: "n6wg:First n6wg:Last" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [72945] Re: San Jose this week??
Message-ID: <004e01bfd997\$b4995520\$9fd7fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tuesday is fine for me, Bill.
See you then.
73, Bob N6WG

Date: Sun, 18 Jun 2000 21:46:17 +0100
From: Brian <brian@iquest.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72946] Re: OT: Re: Best Price for FRS Radios?
Message-ID: <394D3519.EF2195E8@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got the same rigs at Aldi Food stores about a month ago....two HT's
for \$29.99 on blow out special.

4 AAA's and they say Ranger on them...definite Made in China
junk...but they work OK for my scout outings.

Mike Yetsko wrote:

>
> I picked up the SouthWestern Bell units at BJ's for \$23.99. They
> went by the name 'Ranger'. Not bad, they work fairly well. BUT
> they have no PL, and they use 4 AAA, as opposed to 4AA.
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>
> > Mike Duke wrote:
> >
> > > Perhaps this is stretching the true qrp-1 purpose a bit, but, I'll take
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> > > I'm looking for a good price on Family Radio Service units. The
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> > two for about \$60 but that wouldn't beat what you already know about. I
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> > BTW, where'd you find that price? Someone might want to beat you back
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> > some things he must hate others, and visa versa.
> >
> >
> >

--

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Proud to be a member of the American Radio Relay League
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Sun, 18 Jun 2000 23:12:51 -0400
From: arrowhead1@characterlink.net (Ted Danchi)

To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [72947] UPDATE: OHR Classic 2040 gift
Message-ID: <394D8FB3.E4020F2E@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have received a TON of responses from people interested in the 2040. Several guys even offered to fix it for cost and then ship it back, or find somebody themselves who needs it.

I've have at least one offer to place it in the hands of a guy with no equipment who is studying for the test. That's what I want. I have one other inquiry that came in slightly sooner, and I'm not sure what his equipment status is. The rig will probably go to one of these.

Thank you to everyone for all the interest! I'm planning to get a personal reply out to each of those who sent an inquiry, but I wanted to update the list on what's going on. Thanks for all the suggestions, tips, and support!!

73

--

Mike, KE4TSA

P.S. I guess this guy is going to need a key and some other stuff to make this thing operate. If anybody has a spare straight key or other accessory laying around, and would be willing to offer it for cost of shipping, jot me a note. I'll give you the info on where I sent the rig, and we can try to get it to the same guy. Imagine how excited he'd be about QRP (and CW) if we provided a whole station for him right off the bat (even if it does need some repairs)!

Date: Sun, 18 Jun 2000 23:17:23 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72948] What Kit to Build series on WestFLA qrp club web page
Message-ID: <394D90C3.B0BA90E1@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With permission from Doug Hendricks KI6DS, his eight article series on what kit to build has been posted on the West Florida QRP Club web page:

<http://www.qsl.net/westfla>

Please feel free to link to the main club web page to get to Doug's articles.

73

Paul AJ4Y

Date: Sun, 18 Jun 2000 21:25:34 -0600
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-1@Lehigh.EDU
Subject: [72949] Looking for UC3906 source.
Message-ID: <1.5.4.16.20000618212536.1b9fde20@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

Does anyone know where I can get my hands on a UC3906 IC, this is a charge controller for a Gel-Cell charger that I want to build if I can get one.

72/73 de Niels
VE6NJK/TF3NJ
Calgary, AB
CANADA

Date: Sun, 18 Jun 2000 23:29:13 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [72950] Smite hunt.
Message-ID: <3.0.32.20000618232909.007371a4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

No go on the Texas smite from Ky. this Sunday eve. 80 meters is pretty rough this time of year. S-9 static crashes on both my vertical and E-W longwire. I did hear N4S0 in QSO reporting nil

also.

The fun part of the evening was a call from my son, KF4MUU who works at Red Lobster. A cat named Oliver guards the dumpster and snarls at people who get too close....cracks me up!!!

73 to all

Pete NV4V

Date: Mon, 19 Jun 2000 04:25:15 -0400
From: Richard Arland <k7sz@epix.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [72951] Confessions of a Battery Assisin
Message-ID: <394DD8EB.C2188254@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What can I say? It's true....I kill batteries, especially deep cycle lead acid batteries. I've become so good at it British MI-6 has awarded me a "Double Oh" number: 0012!

I just purchased, as part of my Father's Day gift, a small 34 amp hour deep cycle lead acid battery from Wal-Mart for use in my shack. Along with this, I purchased a 12 volt, 1.5 amp charger/maintainer. The charger says: "Fully Automatic, will not overcharge batteries", "1.5 amp trickle charge. Charges small batteries and maintains large ones". My first question is define "small".

My plan is to use the 34 amp hour battery to power the station (K2, IC37A, Argo 505 and a set of Red Hots). Currently I have the battery under load (the K2 and IC37A) to see how long it takes to bring the battery down to around 11.5 volts. At that time I will plug the charger in and recharge the battery. If this works out to my liking, I will purchase a 2nd 34 amp hour battery and use the two to power the shack. Charge one and use the other.

I am concerned that if I leave this charger/maintainer connected to my new deep cycle battery all the time, I will, once again, assassinate another battery. Is there a better way to do this? I'm open for suggestions.

Any battery gurus out there who care to offer some advice?

73 Rich K7SZ

Date: Mon, 19 Jun 2000 00:47:13 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>, "klqrp_submit (E-mail)"
<klqrp@waterw.com>, "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>
Subject: [72952] KIT: Question about Tuning Range of Norcal BLT Tuner
Message-ID: <66FCE0D1DF76D311913800805F6D0FA3D4A3B2@mailserver1.usan.com>
MIME-Version: 1.0
Content-Type: text/plain

Just put together my BLT and started testing with a Norcal Doublet 44 ft top with open feeder 30 ft to tuner. Inverted Vee config with angle below horizontal about 30 degrees for each element. Tried feeder spacing from 4 inches down to 1.5 inches.

Here's my problem: 40 and 20 no problem finding good match with MFJ259B SWR analyzer. But couldn't initially find a match for 15 or 10 mtrs. Sweep the freq. with the SWR analyser and can see good matches above both bands (ie 23 mHz and 31 mHz). So neither I have too little inductance or too little cap. I noticed by really squeezing the L1 turns together that I can get the reasonable tuning spot for 15 and 10 mtr to move down (ie about 2:1 SWR) .

My question: Doug's original note indicated he had tried most all of the types of twin lead including open wire. How critical is the open wire down length relative to the limited tuning range of the LC setup? I think he was using a 20 ft open lead. I have the coil oriented vertically in the enclosure and the leads for both primary and secondaries are evenly spaced with regard to side to side.

I want to maintain the 30 ft open wire for the upcoming FD event (I can make it longer) and I have the ability to change the doublet length from 44 ft to what ever. My goal was to setup the fixed doublet at 30 ft and be able to work 40/20/15/10 just by retuning the BLT.

Any suggestions before FD? I left the antenna up in the backyard and hoping for some special enlightenment (ie simple fix).

BTW I did tune to cap trimmers to minimum.

Sam Billingsley AE4GX Atlanta, GA
personal web page at <http://ae4gx.home.mindspring.com/>
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Date: Mon, 19 Jun 2000 02:01:33 -0400 (EDT)

On Mon, 19 Jun 2000, Richard Arland wrote:

I'm also a killer of deep cycle batteries. Somehow, a 70A/H marine battery lasted almost three years and went through two Field Days in spite of being run dry several times! It finally bit the dust a few months ago and I bought a Pep Boys 100A/H marine battery to replace it. At the same time, I bought one of those Wal-Mart charger/maintainers and have had it hooked up ever since. It gives the battery a nice gentle charge and TURNS OFF when the battery reaches about 14V. I have yet to add any water to the battery and I finally got in the habit of checking it more than once a year! I've also used the charger several times on one of the popular 7A/H sealed lead acid batteries and am very pleased with the result.

Bob Patten, N4BP (0 0) Plantation, FL

E-Mail: n4bp@bc.seflin.org
 Web Page: <http://www.qsl.net/n4bp>
 Brass Pounder BBS: (954) 472-7715
 SOC #1Whiners #6

Date: Mon, 19 Jun 2000 06:52:47 -0400
From: Erik Werner <ewerner@sprintmail.com>
To: k7sz@epix.net, "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>
Subject: [72954] Re: Confessions of a Battery Assisin
Message-ID: <3.0.1.32.20000619065247.007ccc00@sprintmail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Check out...

http://www.aresva.org/library/battery_care.html

http://www.aresva.org/library/free_batteries.html

Date: Mon, 19 Jun 2000 10:56:21 -0400
From: Richard Arland <k7sz@epix.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [72955] Expanded DC Voltmeter
Message-ID: <394E3495.B8981DBF@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Somewhere in the distant past, I remember an article or "hint/kink" about taking a Radio Shack 0-15 V DC meter and expanding the scale to read from about 11.5 to 14 VDC. Anyone have an idea where this article might be?

73 Rich K7SZ

Date: Mon, 19 Jun 2000 08:39:39 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Cc: Field Day 2000 -- K4PG <k4pg@freewwwweb.com>, N4BP <n4bp@bc.seflin.org>, W4FMS <w4fms@aol.com>, W4OV <brucep@emi.net>
Subject: [72956] Guano Reef Bashful Perverts
Message-ID: <Pine.3.89.10006190839.A3040-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Will join the long list of Field Day operations using K2's this year. We will be 1A Battery in the FL Keys. Ops will be K4PG, N4BP, W4FMS, W4OV. We also hope to make at least one QSO through the RS-13 satellite. Station will be K2 #438 powered by a solar charged 100 A/H marine battery. Antennas will be a four band ugly vertical and a 40M dipole supported by DK9SQ mast. We will also have an IC-706 on the ready in case 6 Meters decides to favor us with some propagation. Satellite station will be an IC-706 mobile with Hustler resonators for 10/15. Since there has been no mention of waiting 'til contest start to gain three extra

hours of operation, we've decided to set up in advance and get an early start home. Hope to work many of you next weekend! Call used will be N4BP.

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

SOC #1Whiners #6

Date: Mon, 19 Jun 2000 07:44:43 -0500

From: Karl Kanalz <KKanalz@excel.com>

To: "'mitymik@wenet.net'" <mitymik@wenet.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [72957] RE: antenna:gamma match...

Message-ID: <2D343922E283D211945C0008C7A41B2A02B20CEB@adntex01.adsn.dal.excel.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Material used for the shorting bar of a gamma match should be made
Of the same materials used to construct the antenna.

Karl K.

-----Original Message-----

From: Mighty Mik [mailto:mitymik@wenet.net]

Sent: Friday, June 16, 2000 5:55 PM

To: Low Power Amateur Radio Discussion

Subject: antenna:gamma match...

what materials do you use for a shorting bar? I'm tempted to get some copper or brass, but where is a good place to look for scrap sized pieces?

Date: Mon, 19 Jun 2000 06:25:16 -0700 (PDT)

From: Steve Yates <aa5tb@yahoo.com>

To: Mike Kana <cosmo224@execpc.com>, QRP-L Distribute <qrp-l@Lehigh.EDU>, Vance Peterson <realrom@ev1.net>, w5usj@globeco.net,

"Keith D. Pugh" <keith.d.pugh@lmco.com>

Subject: [72958] Mysterious 30m Beacon Has Changed
Message-ID: <20000619132516.19446.qmail@web3001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The beacon myself and others have heard on 10.1064MHz
has changed it's message content and shifted in
frequency down 100Hz to 10.1063MHz. The latest
message sounds a bit ominous. I have the latest
recording at the following site:

<http://www.geocities.com/aa5tb/sig09.html>

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?
Send instant messages with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Mon, 19 Jun 2000 08:27:43 -0500
From: K10J <k10j@ditdit.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72959] QRP FD... K50J
Message-ID: <000401bfd9f2\$2690cc80\$6aa8bfd0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Howdy from South Texas,
The Dit Dit Contest Club will be on the air for field day this year from
beautiful Bedias, Texas. Battery powered K2 is the rig of choice. Ops will
be K5ZTY, K5NZ, KK5LD, K10J and others. It is sounding like a strong showing
in the QRP classes. Hope everyone has a great outing. Be safe!

72,
OJ---K10J/K50J

ditdit

reply to:
k1oj@ditdit.com
k5oj@ditdit.com

Date: Mon, 19 Jun 2000 06:41:29 -0700
From: Bill Jones <kd7s@psnw.com>
To: k7sz@epix.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72960] Re: Expanded DC Voltmeter
Message-ID: <394E2309.515AD38A@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard,

I described an expanded scale voltmeter in my QST article, "A Camper's Portable Hamshack" back in 1994 or 1995. It was also republished in QRP Power later on.

Richard Arland wrote:

>
> Somewhere in the distant past, I remember an article or "hint/kink"
> about taking a Radio Shack 0-15 V DC meter and expanding the scale to
> read from about 11.5 to 14 VDC. Anyone have an idea where this article
> might be?
>
> 73 Rich K7SZ

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>

Date: Mon, 19 Jun 2000 08:52:50 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: "'mitymik@wenet.net'" <mitymik@wenet.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [72961] RE: gamma match...

Message-ID: <2D343922E283D211945C0008C7A41B2A02B20CF2@adntex01.adsn.dal.excel.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Rather than a machine shop, I'd be looking for either
a sheet metal shop or even a sheet metal supplier (they often
have "off-cuts" as well).

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Mighty Mik [mailto:mitymik@wenet.net]

Sent: Saturday, June 17, 2000 1:58 PM

To: Low Power Amateur Radio Discussion

Subject: gamma match...

gang...maybe i should have said that this is a VHF antenna, and all
elements are 10' and less. that means that the elements are a single
thickness (as opposed to stepped for multiple pieces of tubing /
element). I don't know if aluminium is available at the local home
improvement store, but rigid copper certainly is.

now all i have to do is find a local machine shop.

72 de WD8MNV

Date: Mon, 19 Jun 2000 08:54:48 -0500

From: "Harvey Mitchell" <Harvey.Mitchell@enron.com>

To: qrp-l@lehigh.edu

Subject: [72962] SMiTe Hunt - A lost cause

Message-ID: <86256903.004C9551.00@ei-nsmtpmta01.ei.enron.com>

Mime-Version: 1.0

Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

Well, the noise level in on Galveston Bay was 10 dB over S-9 with loud static
crashes last night. I was on 3.6864 +/- from 8:30 till about 10:00 PM CDT, and
made NO contact! I called CQ SMiTe until my fingers needed a rest. I did hear
a QSO up about 1 KHZ above my frequency that didn't help much, but for the most
part heard no one calling. The stations I could here tuning the band were way
down and I had trouble copying even the louder signals due to the noise. The

noise was a little less on the G5RV but signals were a little louder on the GAP Voyager. On the plus side, the SMiTe transmitter operated flawlessly, putting out a whopping 300 MW!

Hopefully on my next turn (July 2) conditions will be better.

Sorry about that gang. I tried.

Harv, K5YU
Seabrook, TX

Date: Mon, 19 Jun 2000 10:30:22 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [72963] Re: Confessions of a Battery Assisin
Message-ID: <125490A005E3D3118C9C00805FC743CC8D9B09@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Full charge requires about 14.4 volts--but this will cook the battery, so a smart charger cuts back to 13.8 volts after the battery is fully charged.

A really good charger will have a sensor coupled to the battery to adjust the voltages precisely as a function of temperature.--Zack Lau
W1VT

Date: Mon, 19 Jun 2000 09:40:23 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-l@lehigh.edu
Subject: [72964] QRP Field Day Operation NF9K
Message-ID: <KHFPMOGLDPBNDAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

All,

The PolarFab ARC will be operating under my call, NF9K, from Bloomington, Minnesota. We will be operating from the volleyball/softball field owned by our company (an analog/bicmos semcincionductor foundry) virtually in the shadow of the

Mall of America (for those of you who care - not me!)

We will be operating 2A Battery, with all power derived from deep cycle marine batteries which have been charged from 2 800 mA PV panels over the last month or so. We will have a dedicated CW station using an OHR-400 and HW8 and a dedicated SSB station using an IC740 with rear ALC control of the power to QRP levels.

Primary SSB antenna will be a Moseley TA33. Primary CW antenna will be an tuned 80-M doublet center fed with 450-ohm window line and center suspended at around 40'. Secondary antennas will be constructed out of wire and strung between whatever tree limbs are left.

Logging will be on non-networked 486's running TRLog freeware version.

Hope to see you all in the hunt!

Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Mon, 19 Jun 2000 07:34:23 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: "'wb5rue@stic.net'" <wb5rue@stic.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72965] RE: Questions about shunt resistors
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20CE8@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I'd make it a Megohm or more. That will prevent almost ANY current from flowing in the resistor that's used as the form for the shunt resistor. The only reason the resistor should (might) be "high wattage" is to get a larger-diameter coil form for the winding! With virtually no current flowing through the resistor itself, there won't be any significant power dissipated.

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Kevin Muenzler WB5RUE [mailto:wb5rue@stic.net]
Sent: Saturday, June 17, 2000 11:49 PM
To: Low Power Amateur Radio Discussion
Subject: RE: Questions about shunt resistors

I'd say 10K would be sufficient. The most important part is the "high wattage" part. The resistor really isn't going to carry any current compared to the wire. What the project really requires is a form for the actual shunt resistor which is the wire. It needs the size of the 1 watt resistor and a value sufficiently high as to not change the value of the wirewound one that you are going to create. The ends of your coil of wire should be soldered to the leads of the resistor. Again, the resistor is only a form for the shunt resistor which you make out of the #26 wire. What you are creating is an extremely small value resistor. If you have a copy of the ARRL handbook you will find a rather detailed explanation of how shunts work and how to calculate their value. Basically what you are doing is creating a multiplier for the meter that you have. You are changing say a 0-1ma to say a 0-1 amp meter by routing most of the current through the very low value resistor (coil) and only a very small amount through the meter. This is called a shunt, which is what you are creating. This is why on meter specs you will notice two values. The meter internal resistance and the meter full-scale current. Using these you can multiply it by any value you wish. You could convert a 0-1ma meter to a 0-1000 amp meter if you wanted to do so. Again, the handbook will explain exactly what you are doing.

72/73

Kevin, WB5RUE

Leeniers? We dunt need no steekink leeniers!

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> TC Dufresne
> Sent: Saturday, June 17, 2000 11:43 PM
> To: Low Power Amateur Radio Discussion
> Subject: Questions about shunt resistors

>

>

> Wondered about a QRP project I was making, In the ARRL
> Handbook, page 30-24,
> there is a neat 6 watt transmitter described. Looks cool. One of the
> resistors (R18) is a "shunt" resistor. The dscription reads
> "meter shunt,

> 131/2 inches no. 26 wire wound on a high value 1-watt resistor"
> Question-Is the wire connected to each end of the resistor,
> after wrapping it
> around?
> 2) What is considered a high-value resistor?
> Help!
> TCD
>
>
>

Date: Mon, 19 Jun 2000 08:50:50 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: "'Bigbob97@aol.com'" <Bigbob97@aol.com>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [72966] RE: Component identity?
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20CF1@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

That logo is for "Sarkes-Tarzan". I don't believe they are still in
business.
Of course, the "1Nxxxx" number is the diode type number. I don't know
of any *single* diodes with eight pins, Bob... Could these be diode arrays?

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Bigbob97@aol.com [mailto:Bigbob97@aol.com]
Sent: Saturday, June 17, 2000 9:45 AM
To: Low Power Amateur Radio Discussion
Subject: Component identity?

Hi,
I am now the proud owner of some "metal tubes" which I think are solid state
diodes which will directly replace some vacuum tubes. However, I would like
help in getting specs on these and finding out what they will replace. If
someone recognizes these or the manufacturer please drop me a line. Thanks,
I
would greatly appreciate help with this.
Bob WB2DHK in Jersey City, NJ

They all have a manufacturer's stamp which is a trapezoid with the letter "S" and the letter "T" directly beneath the "S" or, it could be "I" - and they all say "Made in USA"

21/2 inches long - eight pins plus the large plastic one in the center -
other markings: S-5017 1N1237 K6
another: S-5018 1N1238 89

another: 1 1/2 inches tall: S5251 1N2631 J9
S5251 1N2389 H7

Then: 7 pins - mini tube - S5207 1N2490 J8

Date: Mon, 19 Jun 2000 10:50:57 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [72967] Re: Micromountaineer Revisited
Message-ID: <125490A005E3D3118C9C00805FC743CC8D9B0A@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

2N3904s are a good choice--cheap, rugged, and easy to get. Plus the plastic case means it won't short against something while being carried along a rugged hiking trail.

Ruggedness isn't always a characteristic of RF transistors--some devices are quite sensitive to excess drive--others have low breakdown ratings and won't survive typical abuse.--Zack Lau W1VT

Date: Mon, 19 Jun 2000 10:00:08 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-1@lehigh.edu, n4xy@att.net
Subject: [72968] Hensley photos-a caveat
Message-ID: <200006191500.LAA17365@blount.mail.mindspring.net>

Actually, it isn't the browsers that "disallow" spaces in URLs and file references, it is the HTML standard itself. Everyone *except* Microsoft follows the standard.

The HTML standard requires that spaces and certain other punctuation be replaced by the hexadecimal code for the

character, preceded by a % sign. Some browsers will also accept a URL in double quotes and then convert the spaces into the proper code before sending a request.

So if the file name was "space cadet.html" the proper URL would read "http://somesite.com/space%20cadet.html". This substitution can be made manually and will work with ALL browsers.

In the long run it is best to observe the HTML standard, though, and avoid file names with spaces. Substitute hyphens, or underscores, if you really must separate the words: "space-cadet.html" or "space_cadet.html" will do.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Mon, 19 Jun 2000 11:11:01 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [72969] EMTECH-FORUM
Message-ID: <32.69a6b08.267f9205@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Not sure if all you lucky folks that own an EMTECH (smile) are aware of the discussion message board available at <http://emtech.steadynet.com/>. In reviewing many sites it is interesting to note that the rig with no list of mods is the EMTECH series. Alan KB7MBI

Date: Mon, 19 Jun 2000 09:04:19 -0500
From: Mike <mmorrow@companet.net>
To: qrp-l@lehigh.edu
Subject: [72970] RE: Confessions of a Battery Assassin
Message-ID: <394E2863.1CAE@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lau, Zack, W1VT wrote:

> Full charge requires about 14.4 volts--but this will cook the battery,

> so a smart charger cuts back to 13.8 volts after the battery is
> fully charged.
>
> A really good charger will have a sensor coupled to the battery
> to adjust the voltages precisely as a function of temperature.

On US Navy submarines, which use batteries that are basically giant deep discharge batteries, we would charge until a total battery voltage equivalent to about 2.8 volts (temperature corrected) per cell was obtained (while charging current was being applied).

But most small chargers can't produce output voltage at sufficient current to bring a 12 volt battery's terminal voltage to 16.8 volts, so one would wind up boiling away/disassociating the electrolyte and overcharging before that voltage is ever reached.

The ultimate best indicator of charge state is the specific gravity of the electrolyte for those batteries (like the 34 amp-hr unit earlier mentioned) that allow access to the electrolyte.

It may be of interest that submarine batteries were maintained on trickle *DISCHARGE* while in standby. We had an amp-hour totalizer to help indicate when a new charge should take place.

73,

Mike / KK5F

Date: Mon, 19 Jun 2000 08:18:57 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Cc: "Reflector, ScQRPions" <azqrp@extremezone.com>
Subject: [72971] Ft Tuthill Building Contest
Message-ID: <394E39E1.8E8E9D7C@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Folks,

The Ft Tuthill QRP Symposium and activities are approaching fast. It is only a few weeks away (July 28-30).

For complete details see:

<http://www.extremezone.com/~nk7m/qrp2000.htm>

As part of Ft Tuthill 2000, the Az ScQRPions will be sponsoring a Building Contest. This contest and judging will take place on Saturday July 29, 2000 at the World Famous Campfire Cookout. This is the cookout where you get to "rub elbows" with QRP greats including Paul Harden, Chuck Adams, Doug Hendricks, and others. Many of the better contests and operating events have been dreamed up here. The judging will be performed by a group to be named at a later date. Plaques will be awarded to the winners.

Now is the time to warm up those soldering irons. Hurry up and finish that SMK-1 you've started. Our categories allow you a lot of latitude in what you enter. More than one entry per person is allowed and encouraged! The rules are about the same as last year with a change in one category.

Home Brew Contest Rules

1. The object of this contest is to entice you to build a QRP project. You may submit up to 10 home brew projects for judging. If you have more, get your spouse to submit some of them. :-) Home brew is defined as something you built. It could include such items as a kit, your original design, someone else's design, from scratch, etc. Your entry has to be submitted - you just can't bring a picture of it. :-)
2. Submit your QRP entries to the contest administrator, Jerry Haigwood, W5JH, and select one of four categories:
 - A. Keys/Keyers/Paddles/Accessories/test equipment.
 - B. XCVRs/XMITTRs/RCVRs
 - C. Norcal SMK-1 and Accessories
 - D. Ugliest thing you built that works
3. The entry cost is FREE!
4. An engraved plaque will be awarded to the winner of each category with a special plaque to be awarded for the "Best of Show" entry. Results will be posted to QRP-L for bragging rights.
5. Up to 3 judges will be used to determine the winners. Their decision is FINAL. No bribery or coercion permitted.
6. Persons submitting an entry should be prepared to discuss

the design and construction of their entry (Show and Tell). If you bring your own power, antenna, etc. you can demonstrate the use of your entry (highly encouraged)!

7. Entries should be documented. Items such as a schematic, parts lists, assembly drawings, etc. will factor into the overall evaluation score. The more detailed, the better, but don't let the lack of documentation stop you from entering a cool project you did!

8. You do not need to be present to submit your entry but we really want to see you at Ft Tuthill! If you will be submitting an entry by mail or UPS, contact Jerry Haigwood, W5JH by email: w5jh@arrl.net

9. Last years entries are not eligible to be submitted this year. Submit only projects we haven't seen before. (Special note to Brian, K7RE - No, you cannot enter that "UGLIEST THING YOU BUILT THAT WORKS" winner from last year.)

Judging Criteria:

The entries will be judged using the following factors.

1. Is it QRP related?
2. Is it something useful for QRP radioing?
3. Is it something built recently? (Higher points awarded for recent construction)
4. Is the design solid?
5. Difficulty of the design.
6. Is the construction of good quality? (category 4 excepted!)
7. Does the unit do what it was built to do?
8. Is the unit well documented?

9. Any other criteria that the judges feel are important.

We look forward to seeing your entry!

--

73, Jerry Haigwood, W5JH, Peoria, AZ USA
web page <http://www.swlink.net/~w5jh/>

Date: Mon, 19 Jun 2000 10:36:34 -0500
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: "'Karl Kanalz'" <KKanalz@excel.com>
Cc: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [72972] RE: Questions about shunt resistors
Message-ID: <000101bfda04\$27090490\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good Karl.

The reason I said 10K is because, for me anyway, large wattage large value resistors are hard to find. I figured that 10K as compared to the .05 (or whatever) ohm resistor that he is making would be insignificant. 1meg would be excellent and yes the size is only for the form, I could have been clearer on that.

72/73
Kevin, WB5RUE

Date: Mon, 19 Jun 2000 12:03:44 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: W1VT <zlau@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72973] Re: Confessions of a Battery Assisin
Message-ID: <Pine.3.89.10006191223.C8826-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 19 Jun 2000, Lau, Zack, W1VT wrote:

>

> Full charge requires about 14.4 volts--but this will cook the battery, so
> a smart charger cuts back to 13.8 volts after the battery is fully charged.
Exactly as the cheapie Walmart battery "maintainer" functions. This
thing is a real bargain! Wish I'd discovered it years ago.
>
> A really good charger will have a sensor coupled to the battery
> to adjust the voltages precisely as a function of temperature.--Zack Lau
Walmart's is not quite that good. :-)

73,

Bob Patten, N4BP ' ' ' ' (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://www.qsl.net/n4bp>
Brass Pounder BBS: (954) 472-7715
SOC #1Whiners #6

Date: Mon, 19 Jun 2000 12:28:11 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [72974] MAHA BATTERIES/CHARGERS
Message-ID: <c.6b564c4.267fa41b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I may have missed earlier the discussion on the MAHA batteries but was
wondering if anyone has used the MAHA NiMi AA and the related charger
including the solar charger (<http://www.nimhbattery.com/maha-mh-aa155.htm>)

Rechargeability and 1550 mAh true capacity seems nice combo.

Alan KB7MBI

Date: Mon, 19 Jun 2000 11:01:15 -0500
From: "Mike Branca" <w3irz@att.net>
To: "Sam Billingsley" <SBillingsley@usaninc.com>, "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>, "klqrp_submit (E-mail)" <klqrp@waterw.com>,
"AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>
Subject: [72975] Re: [NoGaQRP] KIT: Question about Tuning Range of Norcal BLT
Tuner

Message-ID: <009601bfda0c\$5cb51fe0\$df024d0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Didn't Doug say that this was a single band tuner that just happened to work, for him, on other bands. I think that to duplicate his results you must duplicate his antenna. Personally I think that there are too many parts missing to make the BLT a wide range tuner.

Mike W3IRZ

----- Original Message -----

From: Sam Billingsley <SBillingsley@usaninc.com>
To: Qrp1_Submit (E-mail) <qrp-1@Lehigh.EDU>; klqrp_submit (E-mail) <klqrp@waterw.com>; _AAAA_NOGA_onlist (E-mail) <nogaqrp@qth.net>
Sent: Sunday, June 18, 2000 11:47 PM
Subject: [NoGaQRP] KIT: Question about Tuning Range of Norcal BLT Tuner

> Just put together my BLT and started testing with a Norcal Doublet 44 ft top
> with open feeder 30 ft to tuner. Inverted Vee config with angle below
> horizontal about 30 degrees for each element. Tried feeder spacing from 4
> inches down to 1.5 inches.
>
> Here's my problem: 40 and 20 no problem finding good match with MFJ259B
SWR
> analyzer. But couldn't initially find a match for 15 or 10 mtrs. Sweep
the
> freq. with the SWR analyser and can see good matches above both bands (ie
> 23 MHz and 31 MHz). So neither I have too little inductance or too little
> cap. I noticed by really squeezing the L1 turns together that I can get
the
> reasonable tuning spot for 15 and 10 mtr to move down (ie about 2:1 SWR)
. .
>
> My question: Doug's original note indicated he had tried most all of the
> types of twin lead including open wire. How critical is the open wire down
> length relative to the limited tuning range of the LC setup? I think he
was
> using a 20 ft own lead. I have the coil oriented vertically in the
enclosure
> and the leads for both primary and secondaries are evenly spaced with
regard
> to side to side.
>

> I want to maintain the 30 ft open wire for the upcoming FD event (I can
make
> it longer) and I have the ability to change the doublet length from 44 ft
to
> what ever. My goal was to setup the fixed doublet at 30 ft and be able to
> work 40/20/15/10 just by retuning the BLT.
>
> Any suggestions before FD? I left the antenna up in the backyard and
hoping
> for some special enlightenment (ie simple fix).
>
> BTW I did tune to cap trimmers to minimum.
>
> Sam Billingsley AE4GX Atlanta, GA
> personal web page at <http://ae4gx.home.mindspring.com/>
> North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>
>
>
>
>
> ---
> Submissions nogaqrp@qth.net -- To unsubscribe, send majordomo@qth.net a
msg. Put "unsubscribe nogaqrp" in body.

Date: Mon, 19 Jun 2000 12:42:57 -0400
From: "John Humphrey" <jhumphre@ultra-tech.com>
To: qrp-l@lehigh.edu
Subject: [72976] Field Day 2000
Message-ID: <s94e1563.038@ultra-tech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

The Virginia QRP Society, W4VQS, will be operating 3A Battery QRP from =
Willowmere Park in Stafford County, Va.
We have a great site and great ops. We just need to keep the copperheads =
at bay!! If anyone is in the area and would like to join us, info and =
directions are on the VQS web site, www.qsl.net/vqs. Hope to hear =
everyone this weekend.

CQ FD de W4VQS

72,73,

John W4IM QRP-L #1691
Stafford, Va.

Date: Mon, 19 Jun 2000 11:36:43 -0600
From: zmola@campbellsci.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, ARDUJENSKI@aol.com
Subject: [72977] Re: MAHA BATTERIES/CHARGERS
Message-ID: <200006191134.LAA19317@demeter.campbellsci.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Date sent: Mon, 19 Jun 2000 12:28:11 EDT
Send reply to: ARDUJENSKI@aol.com
From: ARDUJENSKI@aol.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: MAHA BATTERIES/CHARGERS
Originally to: qrp-1@lehigh.edu
Alan (ARDUJENSKI@aol.com) wrote:
> I may have missed earlier the discussion on the MAHA batteries but was
> wondering if anyone has used the MAHA NiMi AA and the related charger
> including the solar charger (<http://www.nimhbattery.com/maha-mh-aa155.htm>)
>
> Rechargeability and 1550 mAh true capacity seems nice combo.

I have some 1450 mAh maha (nexcell) bateries. They seem to work well.
I have the rapid charger, and it works great.
I bought these less than a year ago and the 1450's had just come out.

http://www.bills2way.com/equip/maha_list.html

may have a better price, but I like the Thomas Distributing web site since
it gives good information.

I use them in my 10M ht, and and the batterypack is 9cell designed for 1.5v
cells. This puts me in at 10.8V which is a little low. If you are creating
your own battery pack or the pack was designed for nimh/nicd, then you
should be fine.

Carl
zmola@campbellsci.com

Date: Mon, 19 Jun 2000 10:47:21 -0700 (PDT)
From: Michael Gusky <mgusky@yahoo.com>
To: qrp-1@Lehigh.edu
Subject: [72978] FS: RH40
Message-ID: <20000619174721.21312.qmail@web4204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have for sale my RedHat 40 cw transceiver. It is in excellent shape, both physically and electrically. An easy 5 watts out and the receiver is super. Not a scratch on the rig....absolutely perfect!

Asking \$140, plus shipping.

Mike
K5UX

Date: Mon, 19 Jun 2000 11:11:00 -0700 (PDT)
From: Charlie Lofgren <clofgren@benson.mckenna.edu>
To: Mike Branca <w3irz@att.net>
Cc: CLOFGREN@benson.mckenna.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72979] Re: [NoGaQRP] KIT: Question about Tuning Range of Norcal BLT Tuner
Message-ID: <Pine.PMDF.3.96.1000619105257.9163A-100000@BENSON.MCKENNA.EDU>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Mike--

I replied to Sam earlier off-list, but probably should have put it on list.

I designed the BLT for coverage of 40 through 20. The higher bands, above 20, are iffy. On them the match depends on the impedance that happens to be seen at the tuner's output.

As I posted a couple of weeks ago, with the available 140/60 pf poly caps, even getting fully reliable 40-20 coverage gets a little tight with some load impedances. You can increase the low-impedance range on 40 by reducing the low impedance link (L3) from 6 turns to 4 (one off each end). If 20 proves iffy, you can optimize the design for 30-20 meters by reducing the main tank circuit inductor (L1) a bit.

Anyone with access to 265/265 poly caps can easily convert the BLT to a regular z-match covering 80-10, or 140/140 caps for 40-10. (The toroid turns and wiring would have to be changed, of course. Depending on the design you pick, you may have to had one additional switch, too.)

I have a package of z-match info that I can send anyone by return email.

Charlie Lofgren, w6jjz
clofgren@mckenna.edu

On Mon, 19 Jun 2000, Mike Branca wrote:

> Didn't Doug say that this was a single band tuner that just happened to
> work, for him, on other bands. I think that to duplicate his results you
> must duplicate his antenna. Personally I think that there are too many
> parts missing to make the BLT a wide range tuner.
>
> Mike W3IRZ
>
> ----- Original Message -----
> From: Sam Billingsley <SBillingsley@usaninc.com>
> To: Qrp1_Submit (E-mail) <qrp-1@Lehigh.EDU>; klqrp_submit (E-mail)
> <klqrp@waterw.com>; _AAAA_NOGA_onlist (E-mail) <nogaqrp@qth.net>
> Sent: Sunday, June 18, 2000 11:47 PM
> Subject: [NoGaQRP] KIT: Question about Tuning Range of Norcal BLT Tuner
>
>
> > Just put together my BLT and started testing with a Norcal Doublet 44 ft
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> > SWR
> > analyzer. But couldn't initially find a match for 15 or 10 mtrs. Sweep
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> > 23 mHz and 31 mHz). So neither I have too little inductance or too little
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> > Any suggestions before FD? I left the antenna up in the backyard and
> hoping
> > for some special enlightenment (ie simple fix).
> >
> > BTW I did tune to cap trimmers to minimum.
> >
> > Sam Billingsley AE4GX Atlanta, GA
> > personal web page at <http://ae4gx.home.mindspring.com/>
> > North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>
> >
> >
> >
> >
> > ---
> > Submissions nogaqrp@qth.net -- To unsubscribe, send majordomo@qth.net a
> msg. Put "unsubscribe nogaqrp" in body.
>
>

Date: Mon, 19 Jun 2000 14:12:35 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <KKanalz@excel.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [72980] RE: Questions about shunt resistors
Message-ID: <000d01bfda19\$f24e0460\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

At the risk of redundancy, I'll re-post comments I made earlier about meter

shunts and the difficulty of winding accurate ones.

Instead, use multipliers and let Mr. Ohm and his Laws be your guide.

What I typically do when I'm homebrewing is select a small low-current meter movement from the junkbox, and then measure its internal resistance. Once I know that, I determine the voltage drop across the meter at its full-scale rating. You can do this with whatever meter it is you're dealing with.

You can measure internal resistance with a DMM (never a VOM!), or consult the handbook for a simple substitution method using two pots and a battery or small low voltage power supply. But, I digress.

Select a small resistor to go in series with the load (in the rig; whatever stage that may be). The current that's being drawn at that point determines the approximate value of the resistor. Once I know the voltage drop across that resistor, I then make a meter multiplier for my milliammeter movement.

To find the value of the multiplier, I take the total voltage across the "shunt" resistor that's in series with the load, and subtract the full-scale (F.S.) voltage that I calculated would be across the movement (I know the F.S. current, and the internal resistance, so $E = IR$).

Then I find the value of the multiplier by taking the difference voltage and dividing it by the F.S. rating of my meter movement. Usually I locate a small pot that's a bit higher in value, put it in series with the meter, and then calibrate it for a F.S. reading--in the final circuit application, or using a "standard" benchtop instrument of your choice.

As an example, I just added a little 0-1 mA meter to the HBX-2Q SSB transceiver I'm building. The meter has an internal resistance of 153 ohms. The voltage across it at that current would be $E=IR$, or $0.001 (153) = 0.153$ V or 153 mV. Seems inconsequential, eh?

Well, I need to measure 500 mA in the drain circuit of my VN66AF power amplifier. If I put a 1-ohm resistor in that line, at 500 mA the voltage across that series resistor would be $E=IR$, or $0.5 (1) = 0.5$ V. Gee, a half volt drop is something I can live with out of 13.8 V from a typical supply. :-)

So, if I subtract 0.153 V from 0.5 V, I get 0.347 V or 347 mV. To find the value of the meter multiplier pot, I divide 0.347 by 1 mA, or $0.347/0.001$ to get 347 ohms. Reaching for a 500 ohm pot, I solder it in series with my meter and proceed to calibrate it, where the final setting will be 347 ohms (but I don't really care, as at this point I'm simply setting my new meter to full scale visually).

This is usually far easier to do than to try and wind a meter shunt of very

low value. If you do that, it's hard to control the resistance at the terminals, soldered connections, etc. This method lets you precisely set the meter reading to what you desire. It does put a small "burden" in the form of an IR-drop on the circuit you're monitoring, but usually an ohm or two is tolerable. In my example, I lose a half volt.

To gild the lily, you can sometimes carefully open the meter, remove the scale dial plate, and repaint the scale to reflect the units you wish (you can add color warning bands and your callsign in there too; always a nice touch if you can open the meter movement).

GL es vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

Date: Mon, 19 Jun 2000 14:39:45 -0400
From: arrowhead1@characterlink.net (Ted Danchi)
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [72981] UPDATE: OHR Classic 2040 gift
Message-ID: <394E68F0.7F9D0C6E@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The 2040 has found a new home. It is going to a couple of students who are studying for their exams. Their elmer is the one who contacted me, and he is going to take care of getting the rig to them and putting it (hopefully) back in top shape.

Thanks for all the interest!

--
Mike, KE4TSA

Date: Mon, 19 Jun 2000 11:52:13 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: kanga@bright.net, n6wg@earthlink.net, ddm@datatamers.com, mgipe@reliablemeters.com
Cc: qrp-l@lehigh.edu
Subject: [72982] RE: San Jose this week??
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928ECFA@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

Bill --

Since my last message, my calendar has been filling up. I now have other commitments on Tuesday and Thursday evenings. My Tuesday appointment should be a short one, however, so I can probably make it to the Round Table around 7:30 or so.

So save me a slice of pizza, and I'll see you then!

Mike K1MG

> -----Original Message-----

> From: Bill Kelsey - N8ET - Kanga US [mailto:kanga@bright.net]

> Sent: Sunday, June 18, 2000 3:02 PM

> To: n6wg@earthlink.net; ddm@datatamers.com; mgipe@reliablemeters.com

> Cc: qrp-1@lehigh.edu

> Subject: San Jose this week??

>

>

> Bob, Mike, Dave, and anyone else interested in showing up...

>

> Tuesday looks like the best evening for me. I could also

> make Thursday

> evening if that would work out better for everyone else.

> wednesday will be

> reserved for my evening with the in-laws... ;>)

>

> For right now, I will show up at the Ground Round at about 6:30 PM on

> Tuesday evening and stay til we run out of things to talk

> about! If someone

> needs to leave me a message, I will be staying at the Arena

> Hotel in San

> Jose

>

>

>

> >Hi Bill

> > I'm game for a pizza evening. We usually meet at the

> Ground-Round Table in

> > Mountain View, close by where El Camino crosses Hiway 85.

> > Let me know if you hear from others.

> > 73, Bob N6WG

>

>

> 73 - Bill - N8ET

> Kanga US
> kanga@mail.bright.net
> http://www.bright.net/~kanga/
> 419-423-4604
>

Date: Mon, 19 Jun 2000 11:47:34 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [72983] Re: Interrogating hard drives....
Message-ID: <3.0.5.32.20000619114734.0096a810@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>That's true, but there is NOTHING inherent in a drive that knows
>anything at all about time or sequences.
>

I must be missing something here ... WHAT DOES THIS HAVE TO DO WITH QRP??

Date: Mon, 19 Jun 2000 12:11:32 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [72984] BuzzNot Noise Blanker Query
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBBD1@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

Is anyone on the list using a Norcal BuzzNot noise blanker?
How well does it work for you on power line noise?
Will it work in other QRP/P CW radios?
Thanks
Jay
W6CJ

Date: Mon, 19 Jun 2000 15:23:59 -0400
From: hattonte@gdls.com
To: qrp-l@Lehigh.EDU
Subject: [72985] The case of the purloined callsign

Message-ID: <0F86A96050.550EAE86-0N85256903.006A4F05@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

My favorite of all time, heard many years ago as a teenager in London, was
PY1RAT. Now, nobody stole that one- or did he? Good signal too, at
least 40 over S9...

Terry W1QF

Date: Mon, 19 Jun 2000 16:05:49 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: <qrp-1@Lehigh.EDU>
Subject: [72986] FD in Fort Worth, TX
Message-ID: <000401bfda29\$c3f21600\$0201a8c0@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a cousin who is an SWL that has more than a passing interest
in Ham Radio. Are there clubs in the Fort Worth, TX area that they can
come by, visit, ask questions, get an idea of what the hobby is all
about? I am sure there are I just need to find out contacts, locations
and so on. If there are any web pages to reference would be greatly
appreciated.

Please reply to me off the list.

73,
Chuck Mabbott AA8VS

Isn't it interesting of the three Rs we
learned about in School, two of them do not
start with 'R'. Did you ever wonder how
this started?

Date: Mon, 19 Jun 2000 13:49:03 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@LeHigh.edu
Subject: [72987] Looking for unbuilt NorCal Paddle Kit
Message-ID: <2.2.32.20000619204903.0137d4b0@fix.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have a NorCal paddle kit you havent built
you would let go of.

Please contact John Directly:

john.tawney@mail.com

Thanks,,,72,,,Jerry...WA6OWR...k

RE:
From: "Tawney" <john.tawney@mail.com>
To: <jparker@fix.net>
Subject: NorCal Paddle Kit
Date: Sun, 18 Jun 2000 20:59:14 -0700
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2615.200

It is still possible to get a NorCal paddle kit?

John Tawney
KC7JCJ

Date: Mon, 19 Jun 2000 15:34:53 -0700
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [72988] 'Scope manual
Message-ID: <394EA00C.EBDD9133@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can anybody help me find out where to get a manual for a Leader
Oscilloscope, Model LBO-516?
Ed,
K2MGM

Date: Mon, 19 Jun 2000 16:43:12 -0500
From: "Randy Randall" <RANDALLR@Healthall.com>

To: <qrp-1@Lehigh.EDU>
Subject: [72989] OT 'Scope manual NLS miniscope MS-230 Wanted
Message-ID: <s94e4dbd.034@healthis.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

If you have one and would be willing to copy it for me, I will pay =
reasonable copying costs + postage.

Thank you,
Randy KB8AS0

Date: Mon, 19 Jun 2000 14:30:48 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-1@lehigh.edu
Subject: [72990] Re: FS: RH40
Message-ID: <394E9108.53E1D621@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oh, a Linux-based QRP CW rig, eh? Just kidding! :-)

72 de Jim - AD6CW

Michael Gusky wrote:

>
> I have for sale my RedHat 40 cw transceiver. It is in excellent
> shape, both physically and electrically. An easy 5 watts out and the
> receiver is super. Not a scratch on the rig....absolutely perfect!

Date: Mon, 19 Jun 2000 14:45:09 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: crmabbott@mediaone.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72991] Re: FD in Fort Worth, TX
Message-ID: <20000619214509.6531.qmail@web3001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Chuck and anyone else that is interested,

The Lockheed Martin Recreation Association Amateur Radio Club is having its Field Day at a very nice wooded area that is on the property of the Lockheed Martin Recreation Association's facility. We will be having a QRP CW and a QRP SSB station as well as a satellite and VHF station. This will be kind of low key as compared to previous Field Day operations here but hopefully this will give the club an appreciation of QRP.

Anyone is welcome to come out. It is located at 3400 Bryant Irvin Rd. just north of HWY-183 and I-20 on the west side of the road (SW Fort Worth). You can't miss it. When you drive in the front there is a guard but you only have to tell the guard that you are going to the LMRA Radio Club's Field Day and he will let you in. The guard should be able to direct you to the site.

=====

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

aa5tb@arrl.net

Do You Yahoo!?

Send instant messages with Yahoo! Messenger.

<http://im.yahoo.com/>

Date: Mon, 19 Jun 2000 22:36:22 -0400
From: Richard Arland <k7sz@epix.net>
To: kd7s@psnw.com, QRP List <qrp-l@lehigh.edu>
Subject: [72992] Re: Expanded DC Voltmeter
Message-ID: <394ED8A6.588B012F@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I knew I saw it somewhere!

I loaned out my copy of QRP Power and haven't gotten it back yet. Same

thing happened to my one and only copy of QRP Classics a couple of years ago.

I will track it down now that I know where to look. Many thanks, Bill.

73 Rich K7SZ

Bill Jones wrote:

>
> Richard,
>
> I described an expanded scale voltmeter in my QST article, "A Camper's
> Portable Hamshack" back in 1994 or 1995. It was also republished in QRP
> Power later on.
>
> Richard Arland wrote:
> >
> > Somewhere in the distant past, I remember an article or "hint/kink"
> > about taking a Radio Shack 0-15 V DC meter and expanding the scale to
> > read from about 11.5 to 14 VDC. Anyone have an idea where this article
> > might be?
> >
> > 73 Rich K7SZ
>
> --
> -----
> Bill Jones - KD7S <><
> Sanger, California
> <http://www.psnw.com/~kd7s>
> -----

Date: Mon, 19 Jun 2000 18:48:00 EDT
From: GElam30092@aol.com
To: qrp-l@lehigh.edu
Subject: [72993] FS: Yaesu FT-8100
Message-ID: <25.72c0d08.267ffd20@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For sale but not a qrp item.....

Yaesu FT-8100 VHF/UHF w/ remote cable. Radio is about a year old and was replaced with an HF-VHF radio. Works perfectly and does include the remote cable so you can mount the head in another location.

Factory info can be seen at <http://www.yaesu.com/ft8100.html>

Shipped CONUS, \$385.

Thanks!

Gerry Elam, K7LR0

PHX AZ

End of QRP-L Digest 1857

